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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/843,159B

DATE: 11/14/2002

TIME: 14:05:13

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3 <110> APPLICANT: Luo, Yin
4 Chan, Evan
5 Xu, Xiang
6 Huang, Betty
8 <120> TITLE OF INVENTION: Tankyrase H, Compositions Involved in the Cell Cycle and
Methods of Use
10 <130> FILE REFERENCE: A-68292-2/RMS/DHR
12 <140> CURRENT APPLICATION NUMBER: US 09/843,159B
13 <141> CURRENT FILING DATE: 2001-04-25
15 <150> PRIOR APPLICATION NUMBER: US 09/696,668
16 <151> PRIOR FILING DATE: 2000-10-25
18 <150> PRIOR APPLICATION NUMBER: US 09/427,154
19 <151> PRIOR FILING DATE: 1999-10-25
21 <160> NUMBER OF SEQ ID NOS: 17
23 <170> SOFTWARE: PatentIn version 3.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 3797
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
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85	gggaaatgaa	aatgtacagc	aactcctcca	agagggatc	tcattaggtt	attcagaggc	1680
87	agacagacaa	ttgctgaaag	ctgcaaaggc	tggagatgtc	gaaactgtaa	aaaaactgtg	1740
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194	caagtatgg	cagaaaagtca	actccattac	atttggcagc	aggatataac	agagtaaaga	900
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310	Cys	Ser	Phe	Gly	His	Ala	Glu	Val	Val	Asn	Leu	Leu	Leu	Arg	His	Gly	
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318	Ala	Ala	Ile	Lys	Gly	Lys	Ile	Asp	Val	Cys	Ile	Val	Leu	Leu	Gln	His	
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326	Leu	Ala	Asp	Pro	Ser	Ala	Lys	Ala	Val	Leu	Thr	Gly	Glu	Tyr	Lys	Lys	
327							100			105				110			
330	Asp	Glu	Leu	Leu	Glu	Ser	Ala	Arg	Ser	Gly	Asn	Glu	Glu	Lys	Met	Met	
331							115			120				125			
334	Ala	Leu	Leu	Thr	Pro	Leu	Asn	Val	Asn	Cys	His	Ala	Ser	Asp	Gly	Arg	
335							130			135				140			
338	Lys	Ser	Thr	Pro	Leu	His	Leu	Ala	Ala	Gly	Tyr	Asn	Arg	Val	Lys	Ile	
339							145			150				155			160
342	Val	Gln	Leu	Leu	Leu	Gln	His	Gly	Ala	Asp	Val	His	Ala	Lys	Asp	Lys	
343							165			170				175			
346	Gly	Asp	Leu	Val	Pro	Leu	His	Asn	Ala	Cys	Ser	Tyr	Gly	His	Tyr	Glu	
347							180			185				190			
350	Val	Thr	Glu	Leu	Leu	Val	Lys	His	Gly	Ala	Cys	Val	Asn	Ala	Met	Asp	
351							195			200				205			
354	Leu	Trp	Gln	Phe	Thr	Pro	Leu	His	Glu	Ala	Ala	Ser	Lys	Asn	Arg	Val	
355							210			215				220			
358	Glu	Val	Cys	Ser	Leu	Leu	Leu	Ser	Tyr	Gly	Ala	Asp	Pro	Thr	Leu	Leu	
359							225			230				235			240
362	Asn	Cys	His	Asn	Lys	Ser	Ala	Ile	Asp	Leu	Ala	Pro	Thr	Pro	Gln	Leu	
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375	290	295	300	
378	Ala Ala Ala Ser Pro Tyr Pro Lys Arg Lys Gln Ile Cys Glu Leu Leu			
379	305	310	315	320
382	Leu Arg Lys Gly Ala Asn Ile Asn Glu Lys Thr Lys Glu Phe Leu Thr			
383	325	330	335	
386	Pro Leu His Val Ala Ser Glu Lys Ala His Asn Asp Val Val Glu Val			
387	340	345	350	
390	Val Val Lys His Glu Ala Lys Val Asn Ala Leu Asp Asn Leu Gly Gln			
391	355	360	365	
394	Thr Ser Leu His Arg Ala Ala Tyr Cys Gly His Leu Gln Thr Cys Arg			
395	370	375	380	
398	Leu Leu Leu Ser Tyr Gly Cys Asp Pro Asn Ile Ile Ser Leu Gln Gly			
399	385	390	395	400
402	Phe Thr Ala Leu Gln Met Gly Asn Glu Asn Val Gln Gln Leu Leu Gln			
403	405	410	415	
406	Glu Gly Ile Ser Leu Gly Asn Ser Glu Ala Asp Arg Gln Leu Leu Glu			
407	420	425	430	
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414	Gln Ser Val Asn Cys Arg Asp Ile Glu Gly Arg Gln Ser Thr Pro Leu			
415	450	455	460	
418	His Phe Ala Ala Gly Tyr Asn Arg Val Ser Val Val Glu Tyr Leu Leu			
419	465	470	475	480
422	Gln His Gly Ala Asp Val His Ala Lys Asp Lys Gly Gly Leu Val Pro			
423	485	490	495	
426	Leu His Asn Ala Cys Ser Tyr Gly His Tyr Glu Val Ala Glu Leu Leu			
427	500	505	510	
430	Val Lys His Gly Ala Val Val Asn Val Ala Asp Leu Trp Lys Phe Thr			
431	515	520	525	
434	Pro Leu His Glu Ala Ala Ala Lys Gly Lys Tyr Glu Ile Cys Lys Leu			
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438	Leu Leu Gln His Gly Ala Asp Pro Thr Lys Lys Asn Arg Asp Gly Asn			
439	545	550	555	560
442	Thr Pro Leu Asp Leu Val Lys Asp Gly Asp Thr Asp Ile Gln Asp Leu			
443	565	570	575	
446	Leu Arg Gly Asp Ala Ala Leu Leu Asp Ala Ala Lys Lys Gly Cys Leu			
447	580	585	590	
450	Ala Arg Val Lys Lys Leu Ser Ser Pro Asp Asn Val Asn Cys Arg Asp			
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454	Thr Gln Gly Arg His Ser Thr Pro Leu His Leu Ala Ala Gly Tyr Asn			
455	610	615	620	
458	Asn Leu Glu Val Ala Glu Tyr Leu Leu Gln His Gly Ala Asp Val Asn			
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462	Ala Gln Asp Lys Gly Gly Leu Ile Pro Leu His Asn Ala Ala Ser Tyr			
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